



Bureau of State Laboratory Services
Office of Laboratory Licensure, Certification & Training

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JANE DEE HULL, GOVERNOR
CATHERINE R. EDEN, DIRECTOR

DATE: December 15, 2000
TO: Laboratory Director and QA Manager
FROM: Wesley B. Press, Bureau Chief
SUBJECT: Information Update #64
NOTE: If any problems occur with this web site, please call (602) 364-0720. Thank you.

1. Environmental Rules Changes:

The Governor's Regulatory Review Council approved the Department's Environmental Laboratory Licensure rules on December 5, 2000. These rules will be filed with the Secretary of State's Office on December 15, 2000 at which time they become promulgated. A copy of these new regulations are available on our website at: <http://www.azdhs.gov/lab/license/env.htm> or a hard copy can be sent to you by calling Marilyn Lancelot at (602) 255-3454 X 204. A fee of \$11.50 is required for this hard copy to be photocopied.

The major changes in these new rules are as follows:

- A. The definition of "records" has been altered to mean all written, recorded, and electronic documentation necessary to reconstruct all laboratory activities that produce data and includes all information relating to the laboratory's equipment, analytical test methods, and related activities. The laboratory will need to maintain the ability to reproduce all electronic data for at least 5 years from the date of compliance testing.
- B. A laboratory may apply as a small business (documents required) to pay laboratory method, instrument and proficiency evaluation fees in installments over the one year licensure period.
- C. All application, method, instrument and proficiency evaluation fees have been increased 30%.
- D. The Department has added or eliminated certain methods.
- E. Three new zone fees have been added for all out-of-state laboratories to help pay

for the cost of the time required for each inspector to travel to the laboratory.
F. A detailed section on time frames has been added to clearly demonstrate what time frames are required to be met by the laboratories and the Department.

2. The Environmental Laboratory Advisory Committee's technical subcommittee on the Arizona's standardized Data Qualifiers had a meeting on December 11, 2000, to discuss the comments that were received from laboratories since they were posted on the ADHS web site (Information Update #63, August 29, 2000). All the comments received were considered by the committee members and consequently some changes were made to the original Data Qualifiers. These updated Data Qualifiers dated 12/11/2000, can be found at the Lab Licensures' [Information Update](#) page.

Please note that the implementation date for these Data Qualifiers is January 01, 2001.

3. In the Information Updates (#48, 50 and 51) we have discussed the applicability of using a hot block digester for the analysis of metals. We had recommended the use of methyl mercury chloride as a spiking compound while performing comparative studies prior to switching to this digestion system for mercury. However, laboratories can use an inorganic form of mercury for spiking if they so desire as long as the same compound is used for spiking during routine analysis. Laboratories must initially verify that they are able to achieve acceptable accuracy and precision using this digestion system before they run compliance samples.

Please remember all mercuric compounds are highly toxic and that appropriate safety precautions must be used while handling.

4. Technical Resources and Training is considering sponsoring a workshop on "Preparing To Be An Expert Witness" to be held in Phoenix. This workshop is appropriate for anyone who expects to testify as an expert witness at a trial. Some of the topics covered would be: case law governing expert testimony; federal rules of evidence; process of discovery; preparation for testimony; handling cross examination; effective communication with the jury; conduct before, during, & after a trial; and mini moot trial. The presenter is Mr. Lamar Miller, a private consultant in Florida. His past experiences include Chief Document Examiner, Alabama Department of Forensic Sciences, Auburn and Birmingham, Alabama (1974-1991) and Director of the Regional Laboratory, Alabama Department of Forensic Sciences, Enterprise, Alabama. If you would be interested in a workshop such as this please contact either:

Prabha Acharya - (602) 255-3454 ext. 221 or

David Winters - (602) 255-3454 ext. 205

5. The Office of Laboratory Licensure, Certification and Training will be moving to a different location in January. We will inform you as soon as we have a firm date and new phone numbers. The new mailing address would be: Arizona Department of Health Services, Office of Laboratory Licensure, Certification and Training, 1740 W. Adams, Phoenix, Arizona 85007.
6. Recently we received an inquiry regarding the use of Hach Method 8001 for compliance testing of Total Coliform in wastewater. This method is not approved for use in our rules. However, since Standard Method 9221B and Hach Method 8001 are technically equivalent to each other, laboratories can use the Hach reagents when running 9221B as long as all the quality control requirements in 9221B are met. The Office of Laboratory Licensure is not planning to add Hach Method 8001 to our rules.

7. If you have any questions regarding the Updates, or if you have any technical questions that need clarification, please call or send [e-mail](#) to Prabha Acharya, Program Manager, Technical Resources and Training at the Laboratory Licensure.

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